



UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL, PART DATA.

2. PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.

3. MAXIMUM INSULATION CRIMP WIDTH OF 2.0mm AND HEIGHT 3.3mm FOR CABLE TYPE UP TO 2.0mm O.D.; MAXIMUM CORE CRIMP WIDTH OF 2.6mm.

4. PLATING TYPE:

- 1. SILVER 2.0 - 3.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.127 - 0.254 MICROMETERS THICK
- 11. MATTE TIN 1.9 - 7.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.127 - 0.254 MICROMETERS THICK (FOR USE WITH SELECTIVE SILVER PLATING SPECIFICATION)

PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY. PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATION.

5. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 RS SECTION 5.3.3 IS 21.5 AMPs WITH 2.0mm² COPPER CABLE.

6. PARTS MET THE PERFORMANCE REQUIREMENTS OF GWM3191 DEC2007 AND SAE/USCAR-2 RS REVISIONS FOR THE FOLLOWING CLASSIFICATIONS:

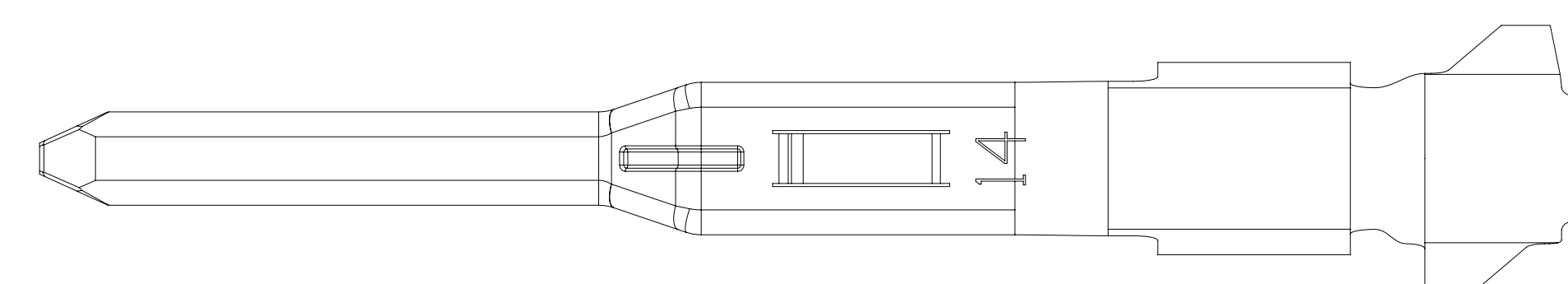
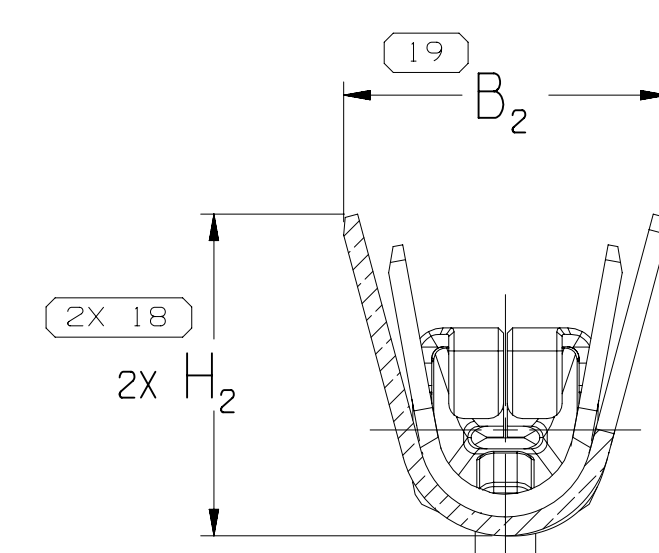
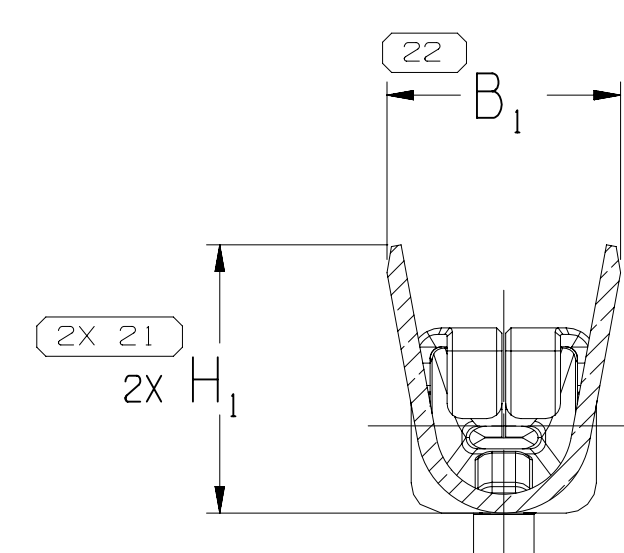
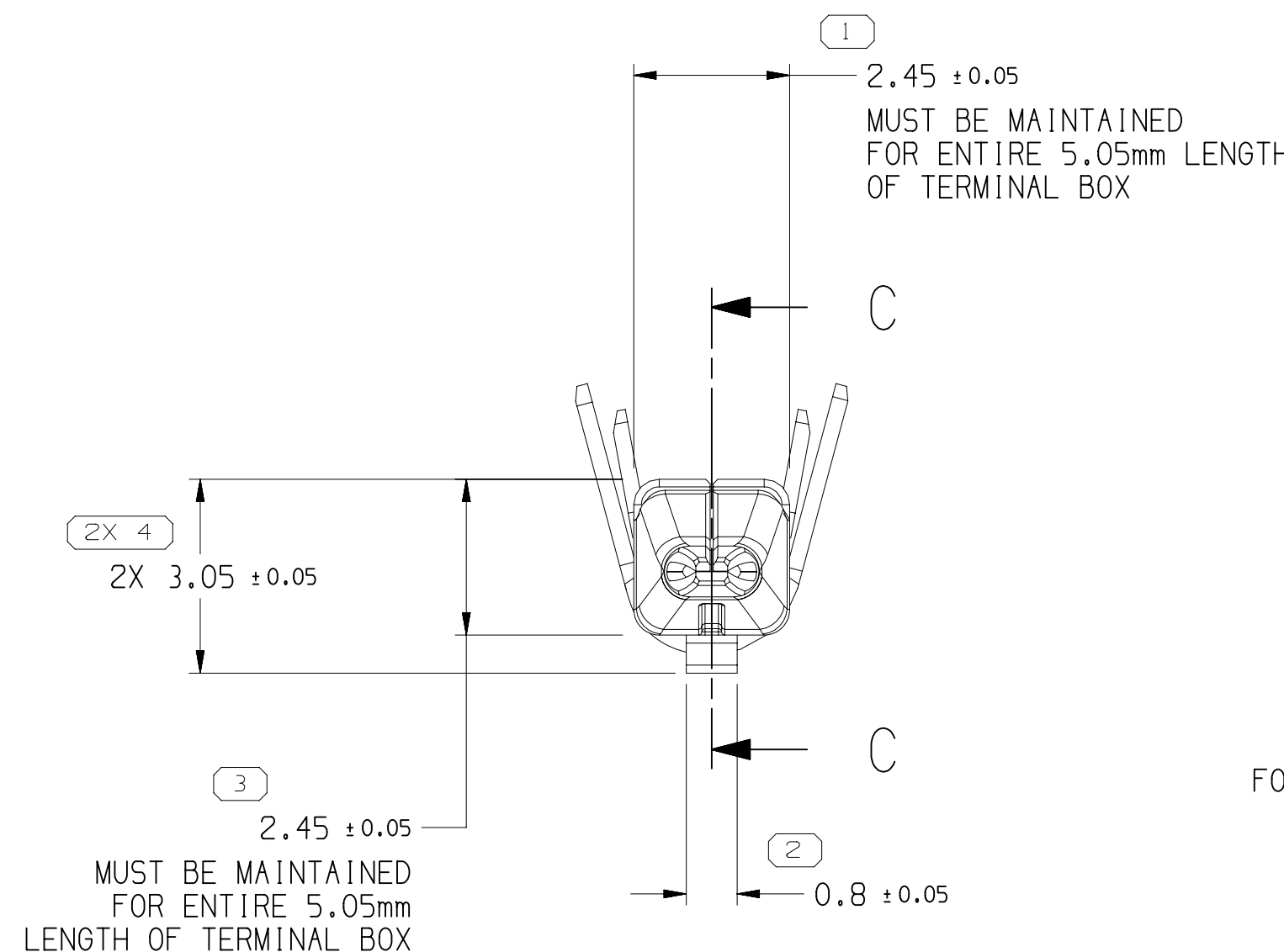
TEMPERATURE CLASS 3 (-40° C to +125° C)
VIBRATION CLASS 2 (ION ENGINE)
SEALING CLASS 1 (UNSEALED)
SEALING CLASS 2 & 3 (SEALED-CONNECTOR DESEALED)
FOR GAGE 1.D, 2.1, 8.1.

- DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE.

REFERENCE MATING COMPONENTS OR EQUIVALENT:

TERMINAL: 13919128

9. FOR TERMINALS PACKAGED & STORED IN THE APPROVED MANNER, TERMINAL OR SILVER PLATING SURFACES WILL NOT AFFECT THE PERFORMANCE OF THE PART.



15529434	03	AC	SILVER PLATED COPPER ALLOY	0.25 X 28.4	I	11	AG	14	1.5 - 2	2 - 2.0	3.1	4.2	3.6	4.3	
15529432	03	AC	SILVER PLATED COPPER ALLOY	0.25 X 28.4	I	11	AG	15	1.25 - 1.5	1.8 - 2.4	2.9	3.9	3.1	3.8	
15529431	03	AD	SILVER PLATED COPPER ALLOY	0.25 X 28.4	I	11	AG	17	0.75 - 1	1.7 - 2.34	2.4	3.6	2.8	3.6	
15529389	03	AC	SILVER PLATED COPPER ALLOY	0.25 X 28.4	I	11	AG	21	0.35 - 0.5	1.2 - 1.83	1.9	2.9	2.2	3	
15529388	03	AC	SILVER PLATED COPPER ALLOY	0.25 X 28.4	I	11	AG	25	0.13 - 0.22	0.81 - 1.2	1.46	1.8	1.6	1.8	
PART NO	REV	N/P	MATERIAL SPECIFICATION	MATERIAL SIZE	CONTACT AREA PLATING TYPE (SEE NOTE 4)	CRIMP AREA PLATING TYPE (SEE NOTE 4)	CONTACT PLATING I.D.	CABLE I.D.	CABLE SIZE (mm ²) COPPER		CABLE DIAMETER	B ₁ ±0.15	B ₂ ±0.25	(H ₁)	(H ₂)

DWO STATUS				REVISION HISTORY		AUTH	DR	APPROV
DATE	STD	REV	W/P	ZONE				
22/JAN/18	01	-	-	-	15529080, 15529309, 15529431, 15529432, 15529434 - RELEASED	425224	CB	CB/LES
04/FEB/18	02	-	-	-	ALL PARTS - REVISED MAX. CURRENT CAPACITY, PLATING TYPES AND PERFORMANCE REQUIREMENTS NOTES	425241	CB	CB/LES
01/APR/18	03	-	-	-	ALL PARTS - ADDED BOTTOM VIEW: REVISED 41 IN CURRENT CAPACITY NOTES AND B, COLUMN IN CHARGE	426067	APB	APB/LES
16/OCT/18	04	-	-	-	ALL PARTS - ADDED MADE AT CUT-OFF, PLATING COMPONENT 4, TARNISH INFO NOTES, REVISED CONTACT PLATING 10 COLUMN AND 15529080, 15529309, 15529432, 15529434 - UPDATED CABLE DIMENSION C	427959	ABH	JW/LES
19/EPS/18	05	-	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES	428910	APB	APB/LES
26/EPS/18	06	-	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES	428964	APB	APB/LES
09/OCT/18	07	-	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES	431030	APB	APB/LES
27/SEP/22	08	-	-	-	15529431 - UPDATED PART AVAILABILITY (P/50N NOT AVAILABLE)	5598653	LVD	LVD/AD

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Mouser Electronics

Authorized Distributor

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